



Judge #1 _____ Judge #2 _____ Judge #3 _____ Judge #4 _____

SSRSEF Judges Feedback For K-4

Based on Next Generation Science Standards and International Fair Criteria

This form is for feedback only and does not guarantee awards.

Comments (Use other side if needed)

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| <p>1 Asking Questions, Defining Problems</p> <ul style="list-style-type: none"> • Asked clear and specific questions or identified a problem • Where appropriate developed a hypothesis • Asked questions that could be tested | |
| <p>2 Planning and Carrying out Investigations</p> <ul style="list-style-type: none"> • Developed a plan to answer questions or solve a problem • If appropriate, built a model • Decided what information needed to be collected, how much was needed, and how to best record that information (evidence) • Found out what happened when one or more parts of the plan were changed (variables) | |
| <p>3 Analyze and Interpret Data</p> <ul style="list-style-type: none"> • Decided if there was enough evidence to come to a conclusion • Used mathematics or models to help determine if the evidence was reasonable and what it meant • Looked at evidence (data) to decide if any seemed not to fit (outliers) • If appropriate, redesigned model and repeated the information gathering steps above | |
| <p>4 Explanations and Solutions</p> <ul style="list-style-type: none"> • Determined an answer to initial question or developed a new model based on the evidence collected | |
| <p>5 Engaging in Argument from Evidence</p> <ul style="list-style-type: none"> • Explained how their conclusion or final product fits with other knowledge they have about science. • Explained how their evidence/data supported their conclusion | |
| <p>6 Evaluating and Communicating Information</p> <ul style="list-style-type: none"> • Was able to explain their work in different ways (oral, text, graphics, models, mathematics) • If they worked with other students or adults, were able to explain what parts they did and where others contributed • Explained why they chose their project | |